

What is Claimed:

- 1 1. A method of treating an aneurysm comprising the steps of:
2 determining the length of an aneurysm;
3 determining the minimum length of a stent-graft needed to bridge said
4 aneurysm;
5 determining, based on said minimum length of said stent-graft needed to
6 bridge said aneurysm, the corresponding maximum diameter of said stent-graft;
7 providing an expandable endoluminal stent-graft having dilation restriction
8 means for restricting dilation of said expandable endoluminal stent-graft beyond said
9 maximum diameter; and
10 deploying said expandable endoluminal stent-graft in said aneurysm to bridge
11 said aneurysm.
- 1 2. The method of claim 1 wherein said dilation restriction means
2 comprises a suture material.
- 1 3. The method of claim 2 wherein said suture material is flexible and
2 substantially inelastic.
- 1 4. The method of claim 1 wherein said expandable stent is made of woven
2 wires and said suture material is woven through said wires.
- 1 5. The method of claim 1 wherein said dilation restriction means
2 comprises a plurality of sutures spaced along said expandable endoluminal stent-graft.
- 1 6. The method of claim 1 wherein said plurality of sutures are located in a
2 plurality of substantially parallel planes which are substantially perpendicular to a
3 longitudinal axis of said stent-graft.
- 1 7. The method of claim 6 further comprising the step of cutting the stent-
2 graft to a length no shorter than said minimum length after said minimum length is
3 determined but before said stent is deployed.